

# BY2-6G

## VHF 150 MHz Three element Yagi Antenna

BY2-6G is a 3 element Yagi antenna with 6 dBd Gain.

- The entire balun unit and feeder cable inlet are completely sealed in a Polypropylen (PP) moulding ensuring permanent waterproof connections.
- Radiating elements, supporting booms and adjoining metal castings are constructed in high quality aluminum to prevent corrosion.



### ELECTRICAL SPECIFICATIONS

Antenna Type	3-element Yagi Antenna
Frequency	S: 136- 144 MHz L: 144 -160 MHz H: 160 - 175 MHz HH: 175 -190 MHz
Bandwidth	S: 8 MHz L: 16 MHz H: 15 MHz HH: 14 MHz
Impedance	50 Ohm
VSWR	<1.5:1
Polarisation	Linear (Vertical or Horizontal)
Gain	6 dBd, 8.15 dBi
Half-Power Beamwidth	E-Plane: 64° H-Plane: 102°
Front-To-Back Ratio	> 16 dB
Max. Input Power	150 Watt
Antistatic Protection	Direct Ground

MECHANICAL SPECIFICATIONS

Color	Silvery white
Dimensions	1200 x 1000 mm
Weight	3.4 kg
Mount Type	Fixed Tube Bracket in Galvanized Iron (included - P05/01)
Mounting Place	On Tube (Ø 20 - 65 mm, vertical or horizontal)
Survival Wind Speed	55 m/s
Materials	Aluminum 6063-T5, PP and Brass
Connector	N-female
Pigtail	Approx. 2.5 m RG213/U
Serial Number	On product label

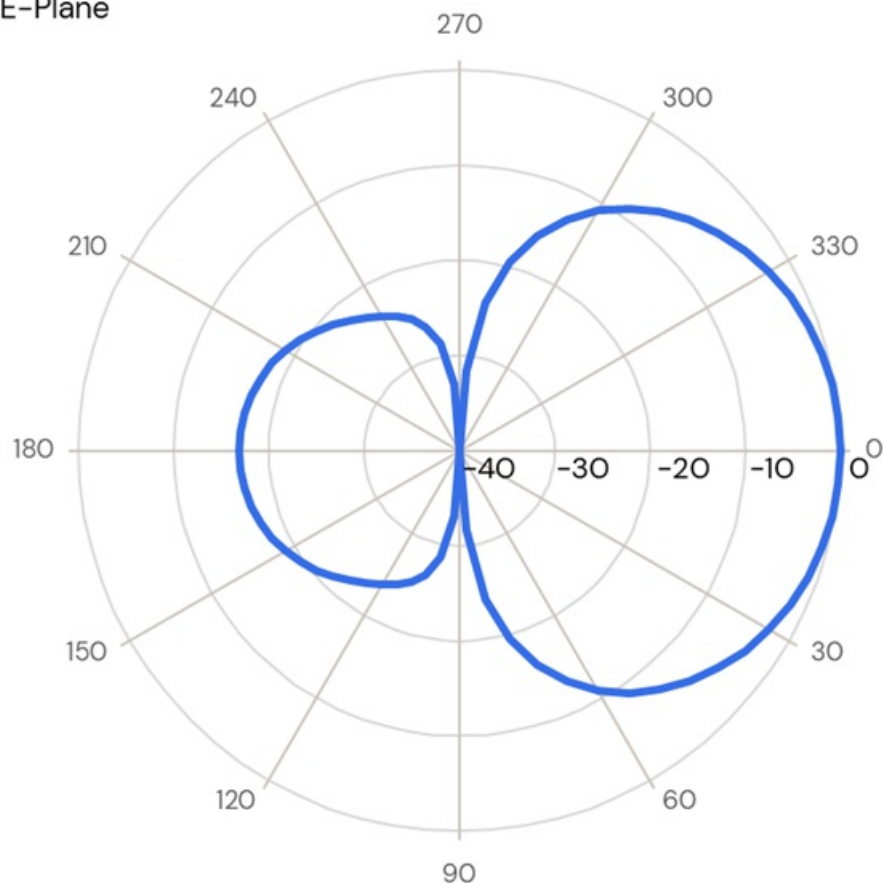
ORDERING INFORMATION

BY2-6GS	136 - 144 MHz In box
BY2-6GL	144 - 160 MHz In Box
BY2-6GH	160 - 175 MHz In box
BY2-6GHH	174 - 188 MHz In box

## Datasheet

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E-Plane



H-Plane

